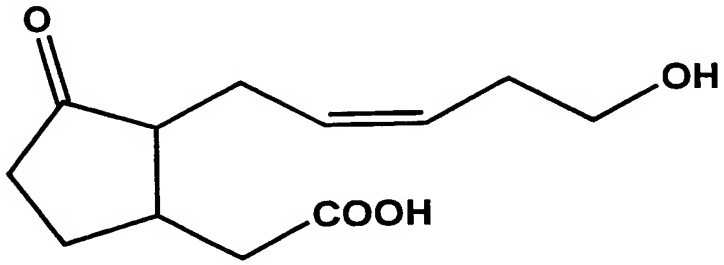


Figure 1A

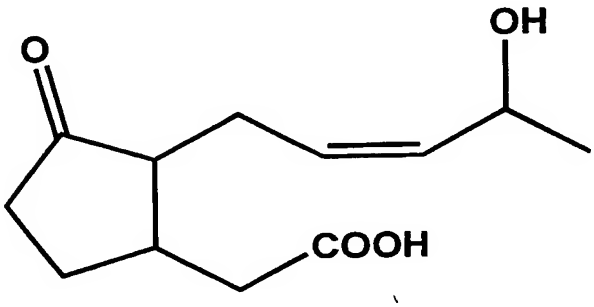


Figure 1B

Figure 2A

Figure 2B

Figure 3

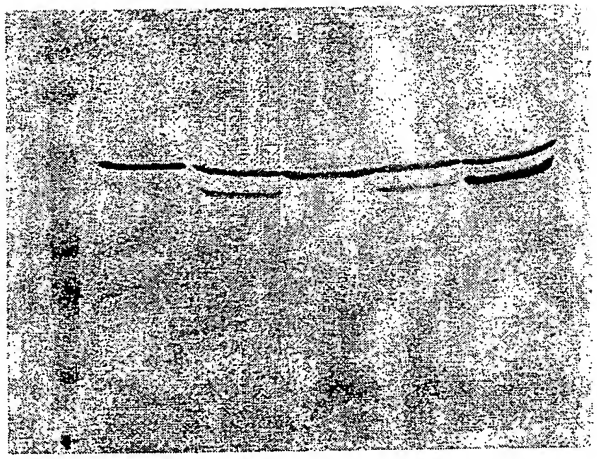
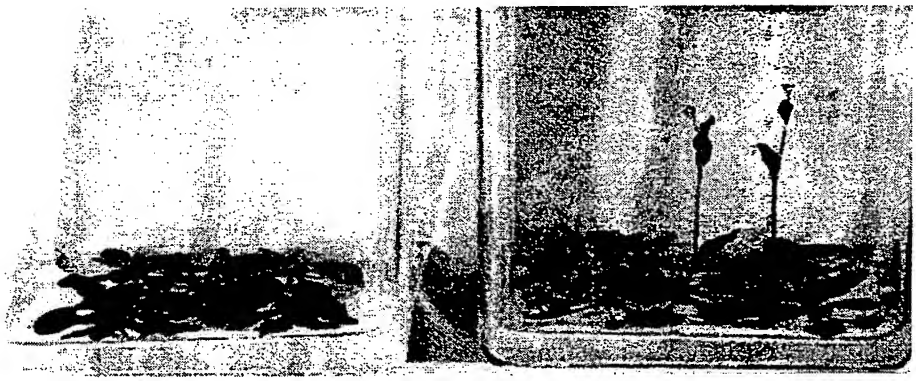


Figure 4

WT WT TL 7-2-5 TL 7-2-5

Figure 5



WT C24 TL 7-2-5

Figure 6

Figure 7

SEQ ID NO 1:

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GGGCTAAGCTGCGAGTTCCAAGAGATGTTGGATTCTCTTCCTAAGGAGAGAGGATGGAGA
ACTCGTTACCTTTACCTATTCCAAGGGTTTTGGTGCCAAGCCAAAGAGATTCAAGCCATC
ATGTCTTTCCAAAAACATTTCCAATCCCTCGAAAACGACGTCGTTCTCGCCACCATACCT
AAATCCGGTACAACCTGGCTAAAAGCTTTAACTTTCACCATCCTTAACCGTCACCGGTTT
GATCCGGTTGCCTCGAGTACCAACCACCCTCTTTTCACTTCCAACCCTCATGACCTTGTA
CCTTTCTTCGAGTACAAGCTTTACGCCAACGGAGATGTTCCCGATCTCTCGGGTCTAGCC
AGTCCAAGAACGTTCGCAACCCACTTACCGTTCGGTTCCCTAAAGGAAACGATCGAGAAA
CCCGGTGTGAAGGTCGTGTACTTGTGCCGGAACCCGTTTGACACATTCATCTCTTCGTGG
CATTACACCAACAACATCAAATCCGAGTCAGTGAGCCCAGTCTTGCTAGACCAAGCTTTT
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TGGAGAGAGAGCTTGAAGAGACCAGAGAAAGTCTTCTTTTTAAGGTACGAGGATCTCAAA
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TTTCGGAAAGGAGAAGTGAGTGATTGGGTTAACTATTTGTCACCTTCACAAGTGGAAAGA
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Figure 8

SEQ ID NO 3:

MATSSMKSIPMAIPSFSMCHKLELLKEGKTRDVPKAEEDEGLSCEFQEMLDSLPKERGWR
TRYLYLFQGFWCQAKEIQAIMSFQKHFQSLENDVVLATIPKSGTTWLKALTFTILNRHRF
DPVASSTNHPLFTSNPHDLVPFFEYKLYANGDVPDLSGLASPRTFATHLPFGSLKETIEK
PGVKVVYLCRNPFDTFISSWHYTNNIKSESVSPVLLDQAFDLYCRGVIGFGPFWEHMLGY
WRESLKRPEKVFFLRYEDLKDDIETNLKRLATFLELPFTEEEERKGVVKAIAELCSFENL
KKLEVNKSNKSIKNFENRFLFRKGEVSDWVNYLSPSQVERLSALVDDKLGGSGLTFRLS

Figure 9

SEQ ID NO 2:

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TCCAACCCTCACGACCTCGTACCTTTCTTCGAGTACAAGCTTTACGCCAACGGAAATGTT
CCCGATCTCTCGGGTCTAGCCAGTCCAAGAACATTCGCAACCCACGTACCGTTCGGTGCC
CTTAAGGATTCGGTCGAGAATCCCAGTGTGAAGGTTGTGTACCTGTGCCGGAACCCGTTT
GACACATTCATCTCCATGTGGCATTACATCAACAACATCACTTCCGAGTCAGTGAGCGCA
GTCTTGCTAGACGAAGCTTTTGATCTATATTGCCGGGGATTACTGATCGGATTTGGCCCG
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GATCTGTGTAGCTTTGAGAATCTGAAGAAGTTGGAGGTGAACAAGTCAAGCAAATTGATC
CAGAACTATGAGAACCGGTTCTTGTTTAGGAAAGGAGAAGTGAGTGATTTGGTTAACTAT
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Figure 10

SEQ ID NO 4:

MAIPSFSMCHKPELLKEGKSEGQEEEGLSYEFQEMLDSLPKERGRRNRYLYLFQGFRCQA
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SNPHDLVPFFEYKLYANGNVPDLSGLASPRTFATHVPFGALKDSVENPSVKVVYLCRNPF
DTFISMWHYINNITSESVSAVLLDEAFDLYCRGLLIGFGPFWEHMLGYWRESLKRPEKVL
FLKYEDLKEDIETNLKKLASFLGLPFTEEEEQKGVVKAIADLCSFENLKKLEVNKSSKLI
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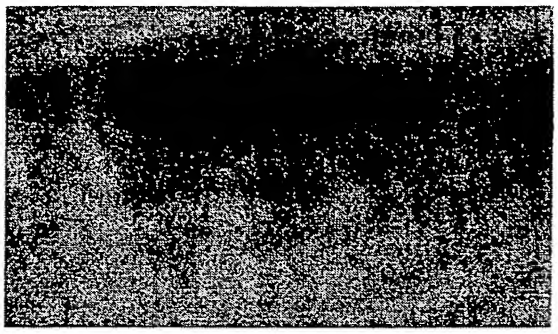
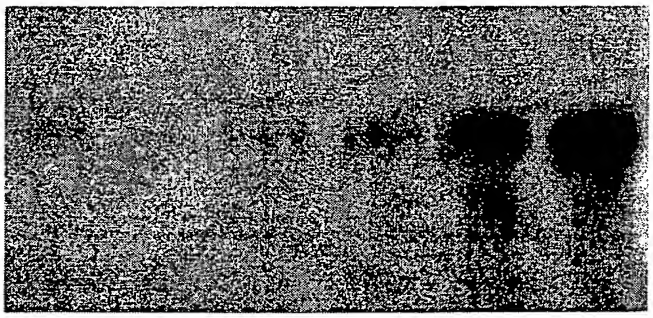


0 100 10 1 0.1

[12-hydroxyjasmonic acid]
in µM

Fig. 11



0 4 8 12 24 48 Hours

Dark treatment

Fig. 12